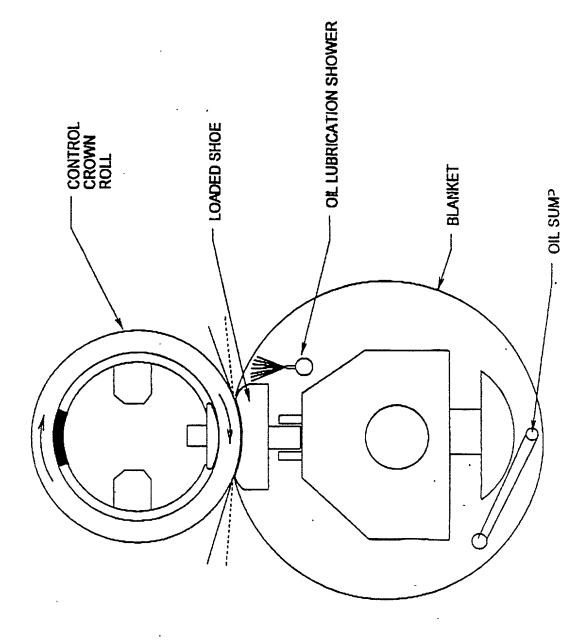
FIGURE 1

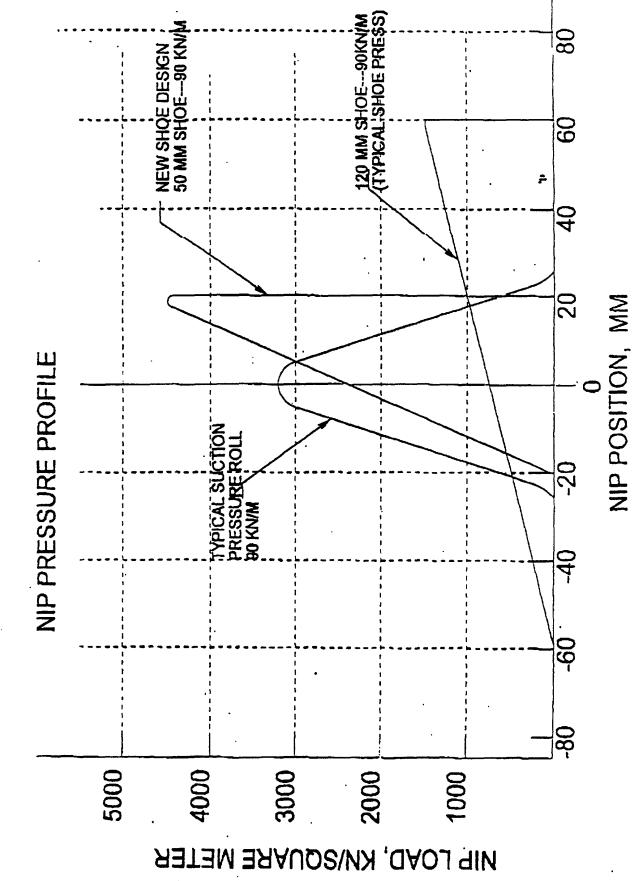
SIDE VIEW OF WIDE SHOE PRESS

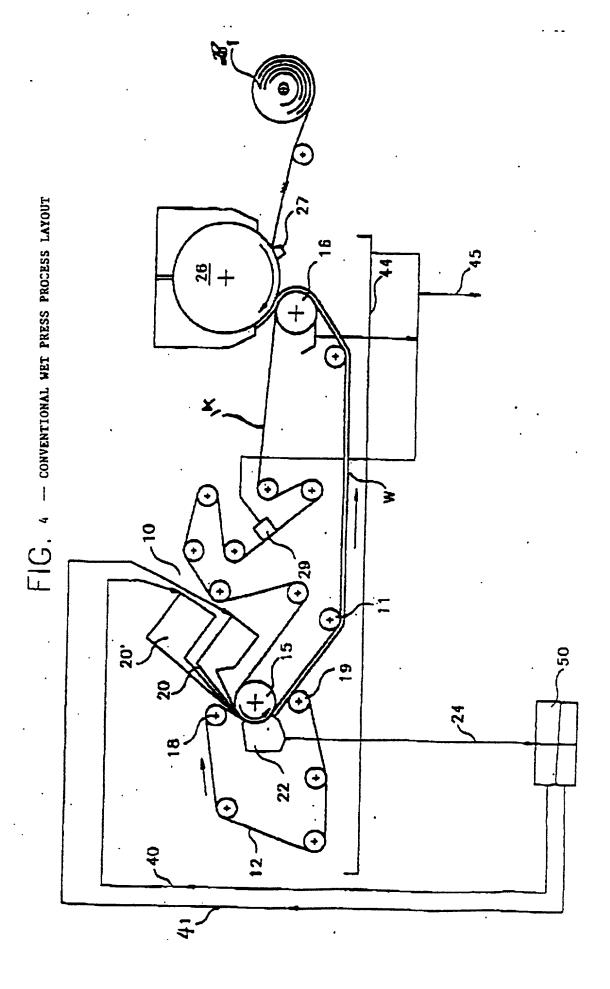


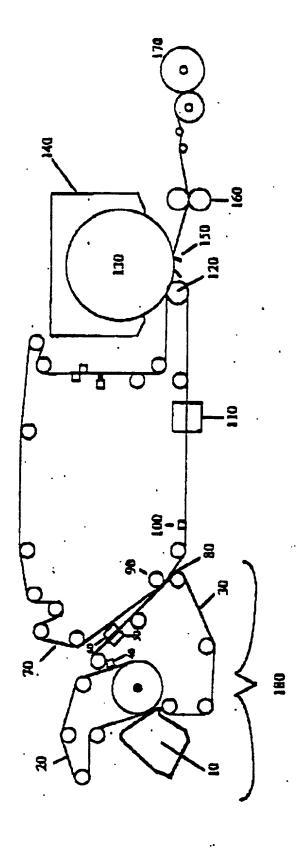
o Reference 10 O Reference 11 Suction Pressure -Reference 8 ∆ Reference 9 1-88kN/m-63mm 2-88kN/m-50mm 3-88kN/m-38mm 4-88kN/m-45mm 5-70kN/m-63mm X Reference 5 • Reference 6 8-70kN/m-50mm 7-70kN/m-38mm DReference 2 ▲ Reference 3 + Reference 7 8-70kN/m-45mm Reference 1 X Reference 4 Roll Data 288 1400 1200 2 Line Load, kN/m 88 × × × ×× × 909 8 200 83 12 6 1 S 0 14000 Ó 12000 8000 10000 0009 4000 2000 Peak Pressure, kN/m^2

Figure 2: Relationship Between Peak Pressure and Line Load

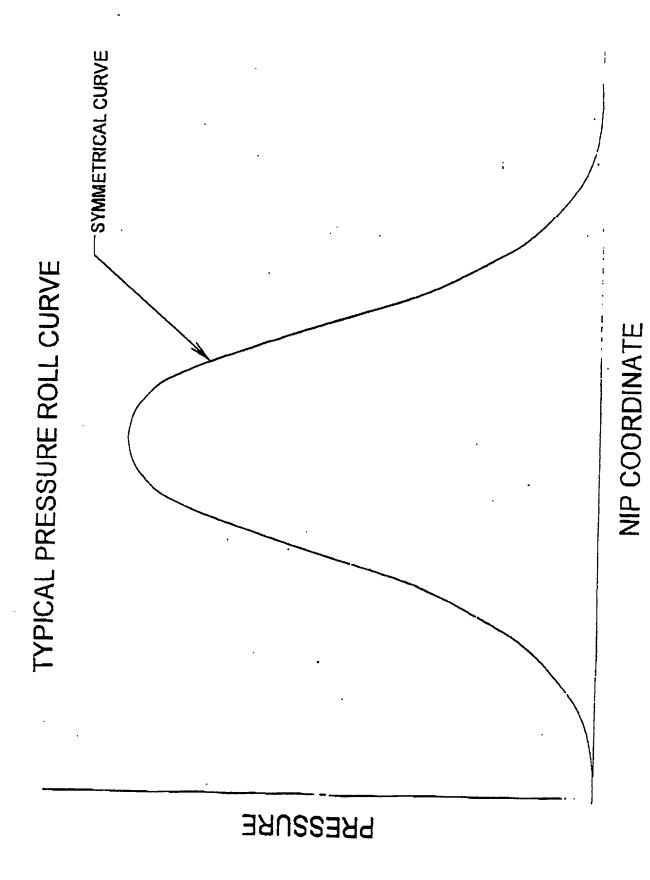
FIGURE 3







TC 5 -- CONVENTIONAL THROUGH-AIR-DRYING PROCESS LAYOUT



NIP COORDINATE

FIGURE 7

FIGURE 8

FIGURE 9

SHOE PRESS WITH LARGE DIAMETER TRANSFER CYLINDER AND WITH FELT PARTIALLY WRAPING CYLINDER

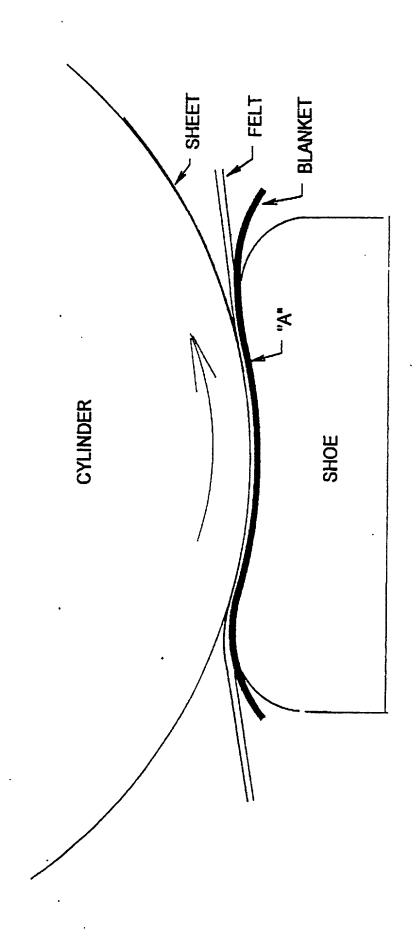


FIGURE 10

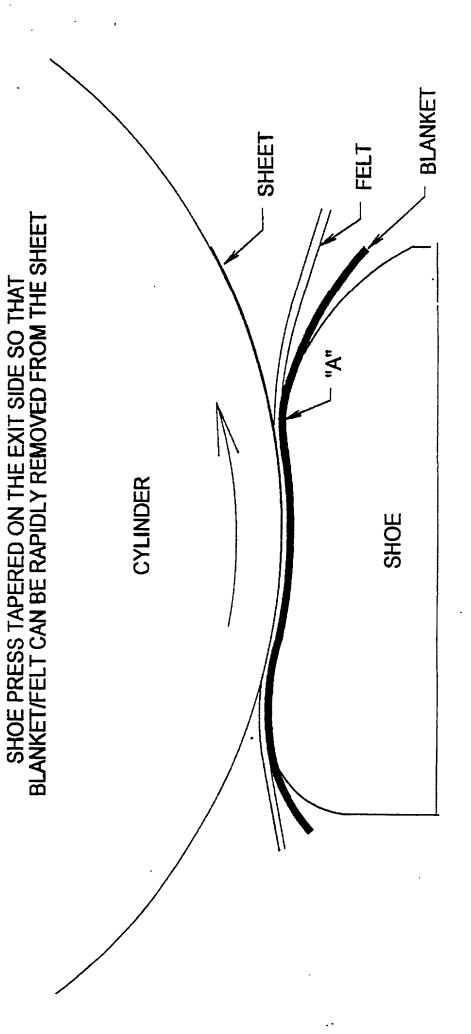
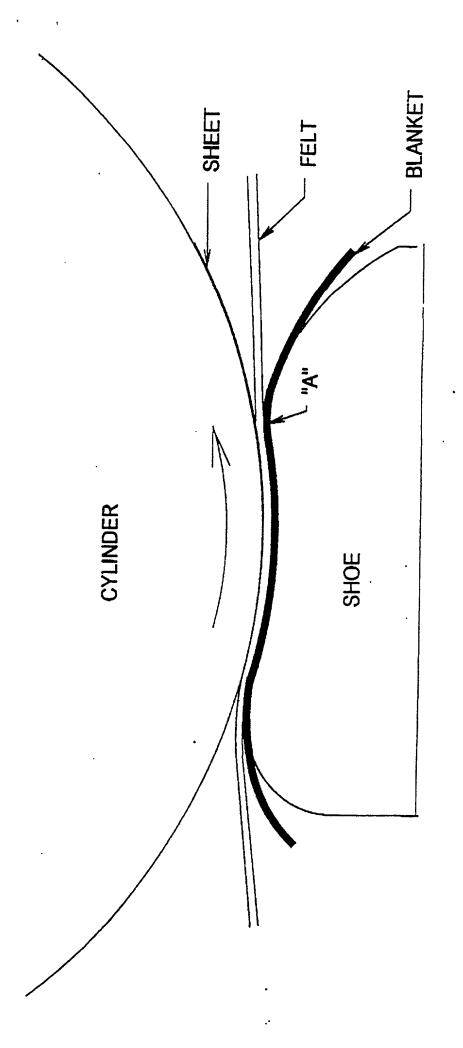
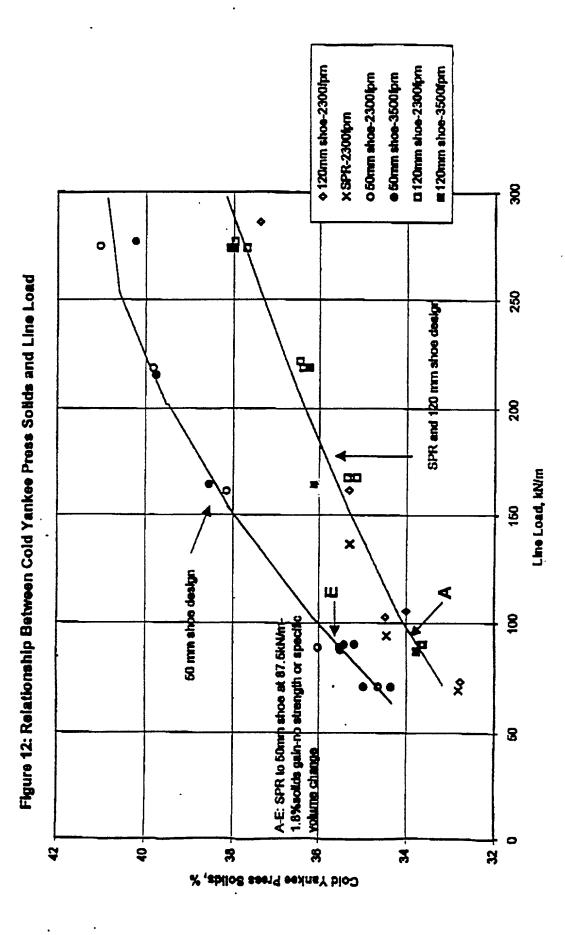


FIGURE 11

SHOE PRESS TAPERED ON THE EXIT SIDE SO THAT FELT CAN BE RAPIDLY REMOVED FROM THE SHEET WHILE THE BLANKET IS SIMULTANEOUSLY RAPIDLY REMOVED FROM THE FELT





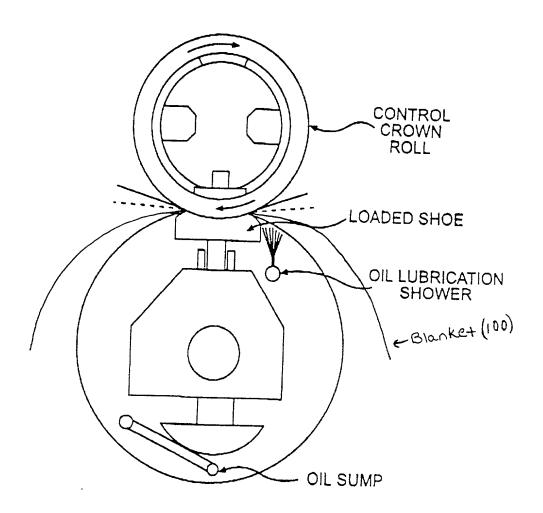


FIG. 13

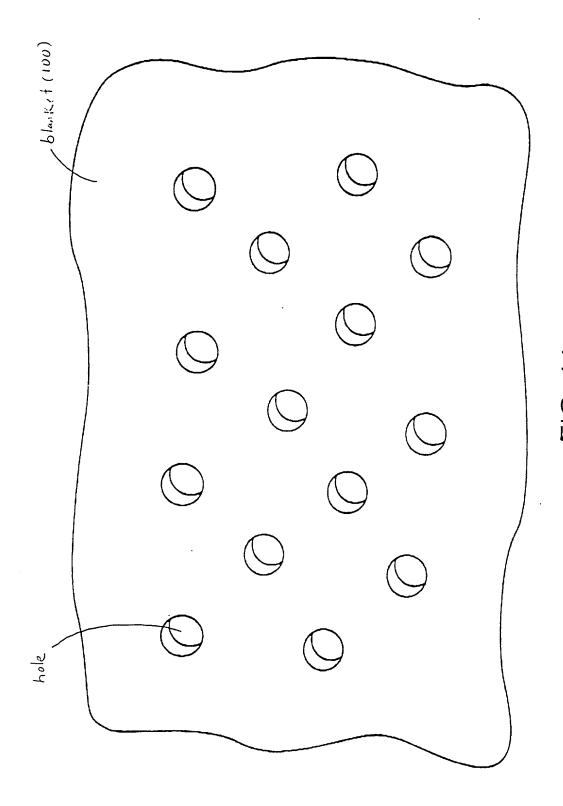


FIG. 14

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